AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) A direct drive motor in a washing machine comprising:
- a stator 14 stator having a winding portion with coils wound thereon;
- a rotor 13-rotor fixedly connected to a washing shaft 4-shaft for direct drive of a drum, the rotor 13-rotor having a-sidewall 13b sidewall, and a rear wall 13a-wall with a pass through hole 131-hole at a center; and
- a connector_16_connector_of a material having a vibration mode different from the washing shaft, insert molded at the center of the rear wall-13a-wall of the rotor to form one body with the rotor, and fixedly connected to the washing shaft to connect the rotor to the washing shaft, and support the washing shaft, and support the washing shaft.

wherein the rotor has a bonding piece for enhancing bonding forces between the connector and the rotor at the time of insert molding of the connector.

- (Currently Amended) The direct drive motor as claimed in claim 1, wherein the reter 13-rotor is constructed of steel plate by pressing to form the side wall 13b-wall and the rear wall 13a-wall as one body.
- 3. (Currently Amended) The direct drive motor as claimed in claim 2, wherein the pass through hele 131-hole at a center of the rear wall 13a-wall of the reter 13-rotor is formed at a center of a hub 132-hub which is a portion projected in a stator side or in a direction opposite thereto with respect to neighboring surface.
- 4. (Currently Amended) The direct drive motor as claimed in claim 3, wherein the washing shaft 4-shaft is formed of metal, and the eonnector 16-connector is formed of resin which insulates between the washing shaft 4-shaft and the rotor 4rotor.
- (Currently Amended) The direct drive motor as claimed in claim 4, wherein the eonnector 16 connector includes a serration 164 serration on an inside circumferential surface

having a shape in conformity with a shape of a serration 400 serration at a rear end portion of the washing shaft 4.shaft.

- (Currently Amended) The direct drive motor as claimed in claim 5, wherein the
 eomeeter 16-connector further includes reinforcing ribs 161-ribs for reinforcing a strength of the
 eomeeter 16-connector.
- 7. (Currently Amended) The direct drive motor as claimed in claim 4, wherein the rotor 13-rotor includes at least one communication hole in a neighborhood of the pass through hole 131-hole for enhancing bonding force between the connector 16-connector of resin and the rotor. rotor at the time of insert molding of the connector.
- 8. (Currently Amended) The direct drive motor as claimed in claim 7, wherein the eonnector 16 connector is insert molded in the rotor such that the eonnector 16 connector covers an inside of the pass through hole 131 hole and front and rear surfaces of neighborhood of the pass through hole 131 hole of the rotor.
- 9. (Currently Amended) The direct drive motor as claimed in claim 7, wherein the pass through hole 131 hole in the rotor 13 has a bonding piece 210 rotor has the bonding piece projected in a length direction of the washing shaft 4 shaft for enhancing the bonding forces force-between the connector 16 connector of resin and the rotor 13 rotor at the time of insert molding of the connector.
- 10. (Currently Amended) The direct drive motor as claimed in claim 4, wherein the rear wall 13b-wall has at least one-bonding piece 211-the bonding piece around the pass through hole 131-hole in the rotor-13-rotor, the bonding piece projected in a length direction of the washing shaft 4 shaft for enhancing the bonding forces force-between the connector-16-connector of resin and the rotor-13 rotor, at the time of insert molding of the connector.

- 11. (Currently Amended) A direct drive motor in a washing machine comprising: a stater 14 stater having a winding portion with coils wound thereon;
- a rotor 13-rotor fixedly connected to a washing shaft 4-shaft for direct drive of a drum, the rotor 13-rotor having a sidewall 13b sidewall, and a rear wall 13a-wall formed as one body by pressing steel plate, with communication holes in the rear wall and a pass through hole 131 hole at a center of the rear-wall 13a wall; and
- a connector 16-connector of resin insert molded such that the connector 16-connector is bonded on inner, and outer sides of the rear wall—13a—wall_of the rotor including the communication holes 137-holes therein to form one body with the rotor, and fixedly connected to the washing shaft to connect the rotor to the washing shaft, and support the washing shaft.

wherein the rotor has a bonding piece for enhancing bonding forces between the connector and the rotor at the time of insert molding of the connector.

- 12. (Currently Amended) The direct drive motor as claimed in claim 11, wherein the washing shaft 4-shaft is formed of metal, and the connector 16-connector is formed of resin which insulates between the washing shaft 4-and-the rotor 4-shaft and the rotor.
- 13. (Currently Amended) The direct drive motor as claimed in claim 12, wherein the eonnector 16-connector includes a serration 164 serration on an inside circumferential surface having a shape in conformity with a shape of a serration 400 serration at a rear end portion of the washing-shaft 4 shaft.
- 14. (Currently Amended) The direct drive motor as claimed in elaim 6₅claim 13, wherein the eonnector 16-connector further includes reinforcing ribs 161-ribs for reinforcing a strength of the-eonnector 16 connector.
- 15. (Currently Amended) The direct drive motor as claimed in claim 11, wherein the rotor 13-rotor includes at least one communication hole in a neighborhood of the pass through hole 131-hole for enhancing bonding force between the connector 16-connector of resin and the rotor, rotor at the time of insert molding of the connector.

16. (Currently Amended) The direct drive motor as claimed in claim 11, wherein the pass through hole 131-hole in the reter 13-rotor has a bonding piece 210-the bonding piece projected in a length direction of the washing shaft 4-shaft for enhancing the bonding force-forces between the connector-16-connector of resin and the reter-13-rotor, at the time of insert molding of the connector.

17. (Currently Amended) The direct drive motor as claimed in claim 11, wherein the rear wall 13b-wall has at least one-bonding piece 211-the bonding piece around the pass through hole 131-hole in the rotor-13-rotor, the bonding piece projected in a length direction of the washing shaft 4 shaft for enhancing the bonding force-forces between the connector-16-connector of resin and the rotor-13-rotor, at the time of insert-molding of the connector.

18. (Currently Amended) A direct drive motor in a washing machine comprising:

a stator 14 stator having a winding portion with coils wound thereon;

a rotor 13-rotor of magnetic metal fixedly connected to a washing shaft 4-shaft of metal for direct drive of a drum, the rotor 13-rotor having a-sidewall 13b sidewall, and a rear wall 13a wall with a pass through hole 131-hole at a center; and

a eennector 16-connector of resin for insulating between the washing shaft and the rotor, insert molded at the center of the rear wall 13a-wall of the rotor 16-rotor to form one body with the rotor, and eennect-connecting the washing shaft to the rotor rotor,

wherein the rotor has a bonding piece for enhancing bonding forces between the connector and the rotor at the time of insert molding of the connector.

19. (Currently Amended) The direct drive motor as claimed in claim 18, wherein the rotor-13-rotor includes at least one communication hole in a neighborhood of the pass through hole 131 hole for enhancing the bonding force-forces between the connector of resin and the rotor retor at the time of insert molding of the connector.

20. (Currently Amended) The direct drive motor as claimed in claim 19, wherein the eonnector-16-connector is insert molded in the rotor such that the eonnector-16-connector covers an inside of the pass through hole 131-hole and front and rear surfaces of neighborhood of the pass through hole 131-hole of the rotor.